

Converting Colors

$Yxy(17.6202, 0.4910, 0.2479)$

Have a look what the booklet for
Yxy(17.6202, 0.4910, 0.2479)
contains.

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Color

Yxy(17.6389, 0.4902, 0.2474)

Conversions

Conversions Part 1

Format	Color
Hex	E30076
RGB	227, 0, 118
RGB Percent	89%, 0%, 46%
CMY	0.1098, 0.9999, 0.5372
CMYK	0.00, 1.00, 0.48, 0.11
HSL	329°, 100%, 45%
HSV	329°, 100%, 89%
XYZ	34.9498, 17.6389, 18.7084
YIQ	81.3250, 97.4140, 84.8220

Conversions

Conversions Part 2

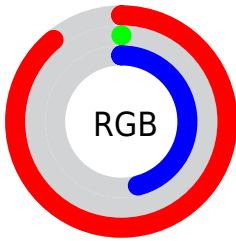
Format	Color
R_{YB}	227, 0, 118
Decimal	14876790
CIE Lab	49.06, 77.80, 0.98
CIE LCh	49, 77.807, 0.719
Yxy	17.6389, 0.4902, 0.2474
Android (android.graphics.Color)	4293066870 (0xFFE30076)
YUV	81.3250, 18.0808, 127.7570
Hunter-Lab	41.9987, 75.0437, 2.9883

Details

The Yxy color **17.6389, 0.4902, 0.2474** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **56.0430, 0.2749, 0.5096**, and the grayscale version is **8.2477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.9910, 0.4165, 0.2542**, and **8.4415, 0.5258, 0.2670** is the 20% darker color. If you saturate the color by 10%, you get **17.6393, 0.4902, 0.2474**, and if you desaturate by 10%, it is **18.5156, 0.4675, 0.2409**.

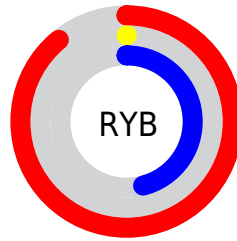
Distribution



Red (89%)

Green (0%)

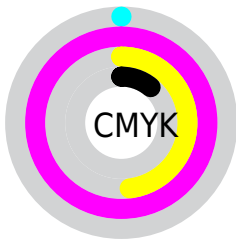
Blue (46%)



Red (89%)

Yellow (0%)

Blue (46%)

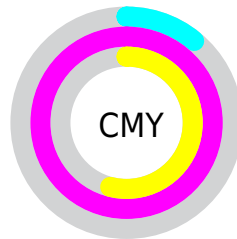


Cyan (0%)

Magenta (100%)

Yellow (48%)

Black (11%)



Cyan (11%)


Magenta (100%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6389, 0.4902, 0.2474 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 17.6389, 0.4902, 0.2474 by changing the saturation by 10% instead.


 17.6389, 0.4902,
0.2474


 17.6389, 0.4902,
0.2474


238.8278, 0.3890,
0.2942


 10.6911, 0.5198,
0.2336

 39.4211, 0.4503,
0.2659


 5.8595, 0.5604,
0.2146

 55.0241, 0.4362,
0.2724


 2.7598, 0.6186,
0.1872

 74.2811, 0.4247,
0.2777

 1.0077, 0.7059,
0.1458

 97.5763, 0.4152,
0.2821

 0.0000, 1.0000,
0.0000

 125.2942, 0.4071,
0.2858

 0.0000, 0.0000,
0.0000

 157.8191, 0.4002,

0.2890

195.5355, 0.3943,
0.2918

■ 17.6389, 0.4902,
0.2474

■ 17.6389, 0.4902,
0.2474

■ 17.6393, 0.4902,
0.2474

■ 18.5156, 0.4675,
0.2409

■ 20.1280, 0.4440,
0.2392

■ 22.7048, 0.4205,
0.2429

■ 26.3773, 0.3984,
0.2508

■ 31.2558, 0.3782,
0.2619

■ 37.4372, 0.3605,
0.2749

■ 45.0086, 0.3453,
0.2887

■ 54.0491, 0.3324,
0.3026

■ 64.6323, 0.3216,
0.3161

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.6389, 0.3350, 0.1839



17.6389, 0.4902, 0.2474



17.6389, 0.5827, 0.3227

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.6389, 0.4902, 0.2474



17.6389, 0.3593, 0.5979



17.6389, 0.1003, 0.1635

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



17.6389, 0.4902, 0.2474



56.0430, 0.2749, 0.5096

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.6389, 0.1017, 0.2424



17.6389, 0.4902, 0.2474



17.6389, 0.2395, 0.5787

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.6389, 0.4902, 0.2474



17.6389, 0.4781, 0.5083



17.6389, 0.1448, 0.4039



17.6389, 0.1325, 0.1379

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.6389, 0.4902, 0.2474



17.6389, 0.5823, 0.3770



17.6389, 0.1448, 0.4039



17.6389, 0.0971, 0.1823

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.6399, 0.4902, 0.2474



58.3762, 0.3456, 0.2884



8.6072, 0.1947, 0.0846



11.5544, 0.3518, 0.2825



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.6399, 0.4902, 0.2474



22.9415, 0.4915, 0.2481



16.3481, 0.6373, 0.3285



14.4925, 0.3211, 0.3168



10.3110, 0.4870, 0.2456



0.7807, 0.4561, 0.2286

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.6399, 0.4902, 0.2474



22.9415, 0.4915, 0.2481



60.0763, 0.2275, 0.3391



14.4925, 0.3211, 0.3168



10.3110, 0.4870, 0.2456



0.7807, 0.4561, 0.2286

Previews

White Background



This preview shows how the Yxy color 17.6389, 0.4902, 0.2474 looks on a white background.

Color Contrast Check

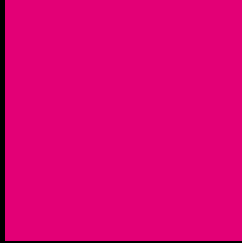
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.6389, 0.4902, 0.2474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

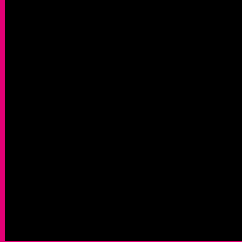
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.6389, 0.4902, 0.2474

Background



This preview shows how black text looks on a background with the Yxy color 17.6389, 0.4902, 0.2474.



This preview shows how white text looks on a background with the Yxy color 17.6389, 0.4902, 0.2474.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.6389, 0.4902, 0.2474

Protanopia

18.3916, 0.2435, 0.2359

Deuteranopia

18.1253, 0.3444, 0.3383



Tritanopia

18.0856, 0.5885, 0.3298

Trichromacy



Original Color

17.6389, 0.4902, 0.2474



Protanomaly

13.3350, 0.3126, 0.2077



Deuteranomaly

14.1504, 0.4059, 0.2704



Tritanomaly

17.4171, 0.5634, 0.2999

Monochromacy



Original Color

17.6389, 0.4902, 0.2474



Achromatopsia

8.2283, 0.3127, 0.3290



Achromatomaly

8.3325, 0.3973, 0.2531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6389, 0.4902, 0.2474 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 118) }
```

Border

The CSS property to change the border of an element to Yxy 17.6389, 0.4902, 0.2474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 0, 118) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(227, 0, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(227, 0, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6389, 0.4902, 0.2474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227, 0,  
118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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